

# CIRPSE06T2821PV0N ✕ OBSOLETE

TE Internal #: Y5015-000000006901

TE Internal Description: FREE PIN CONNECTOR

Plug with RFI Grounding - Male - CIRP

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > Plug with RFI Grounding - Male - CIRP



Connector System: **Cable-to-Cable, Wire-to-Wire**

Number of Positions: **37**

Connector & Contact Terminates To: **Wire & Cable**

Circuit Application: **Power & Signal**

Reverse Gender: **Yes**

[All Plug with RFI Grounding - Male - CIRP \(0\)](#)

## Features

### Product Type Features

Prewired	No
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal

### Configuration Features

Factory Installed Backshell	Without
Number of Positions	37
Contacts Preloaded	No

### Electrical Characteristics

Operating Voltage	1250 VDC
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### Body Features

Environmental Protection Type	Sealed
Primary Product Color	Black
Environmental Protection	With
Shell Plating Material	Black Chromate Over Zn Cobalt

Shell Base Material	Aluminum Alloy
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic

### Contact Features

Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin

### Mechanical Attachment

Mating Retention Type	Bayonet
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With

### Housing Features

Circular Connector Shell Size	28
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### Dimensions

Wire Size	16 AWG
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### Usage Conditions

IP Water Sealing Level	IP67
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### Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

### Packaging Features

Packaging Quantity	10
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### Other

Field Serviceable	Yes
Position Locations Omitted	All

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

Current ECHA Candidate List: JAN 2025  
 (247)  
 Candidate List Declared Against: JUL 2017  
 (174)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

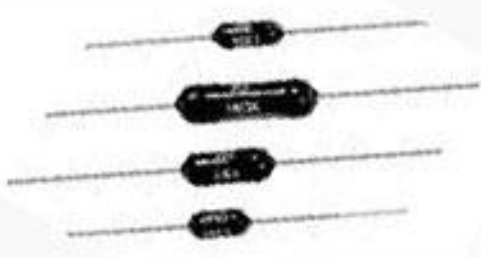
### Customers Also Bought



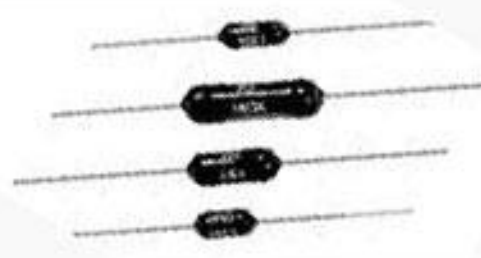
TE Part #4-87215-0  
80 MODII HDR DRST UNSHRD .100



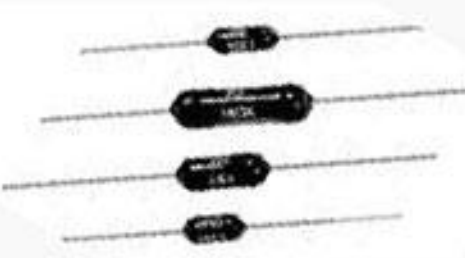
TE Part #91378-1  
SEATING TL,RT ANG,4 PR RECPT



TE Part #5-1879617-2  
H8 1K3 1% 15PPM



TE Part #9-1879685-0  
H8 105K 0.1% 50PPM



TE Part #1879695-7  
H8 14K3 0.1% 100PPM



TE Part #1604396-4  
KIT,180A,2 AWG,RED



TE Part #Y5015-000000006891  
FIXED, REAR MOUNT SOCKET CONNECTOR



TE Part #Y5015-000000006889  
FIXED, REAR MOUNT PIN CONNECTOR



TE Part #Y5015-000000006903  
FREE SOCKET CONNECTOR



TE Part #5-102694-8  
20 AMPMODU MT ASSY DR SN

## Documents

### Product Drawings

[FREE PIN CONNECTOR](#)

French

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### Datasheets & Catalog Pages

[CIRP Catalog](#)

[CIRP Catalog](#)

English

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### Product Specifications

[CIRP Series Assembly and Wiring Instructions](#)

French